

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S57	0	424/678,679,680,681.ccls. AND plasma ADJ substitute AND recombinant ADJ gelatin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 17:00
S56	2	424/678,679,680,681.ccls. AND plasma ADJ substitute AND gelatin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 17:00
S44	38	plasma ADJ substitute AND gelatin	USPAT	OR	OFF	2005/06/07 16:59
S55	113	plasmion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 16:23
S54	0	plamion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 16:23
S53	13	"1291502"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 16:23
S52	11	"2042381"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 16:15
S51	27	"2827419"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 16:13
S50	17	plasma ADJ substitute AND modified ADJ gelatin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 16:09
S49	71	plasma ADJ substitute AND gelatin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 16:06

S48	5	koop-c\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 15:53
S41	5	"3984391"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 15:53
S47	61	toda-yuzo.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/07 15:42
S46	73	Bouwstra-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/07 15:41
S45	1	plasma ADJ substitute AND recombinant ADJ gelatin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 15:40
S43	5	"6150081"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 15:27
S42	4	"469747".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 15:26

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal653aud

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3 FEB 25	CA/CAPLUS - Russian Agency for Patents and Trademarks (ROSPATENT) added to list of core patent offices covered
NEWS	4 FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADOC
NEWS	5 FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	6 FEB 28	MEDLINE/LMEDLINE reloaded
NEWS	7 MAR 02	GBFULL: New full-text patent database on STN
NEWS	8 MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	9 MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	10 MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	11 MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	12 MAR 22	PATDPASPC - New patent database available
NEWS	13 MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	14 APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	15 APR 04	EMBASE - Database reloaded and enhanced
NEWS	16 APR 18	New CAS Information Use Policies available online
NEWS	17 APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	18 APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	19 MAY 23	GBFULL enhanced with patent drawing images
NEWS	20 MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	21 MAY 26	STN User Update to be held June 6 and June 7 at the SLA 2005 Annual Conference
NEWS	22 JUN 06	STN Patent Forums to be held in June 2005
NEWS	23 JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS EXPRESS	JANUARY 10	CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
NEWS HOURS		STN Operating Hours Plus Help Desk Availability
NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:53:06 ON 07 JUN 2005

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 14:53:12 ON 07 JUN 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 JUN 2005 HIGHEST RN 851745-60-3

DICTIONARY FILE UPDATES: 6 JUN 2005 HIGHEST RN 851745-60-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

\*\*\*\*\*  
\*  
\* The CA roles and document type information have been removed from \*  
\* the IDE default display format and the ED field has been added, \*  
\* effective March 20, 2005. A new display format, IDERL, is now \*  
\* available and contains the CA role and document type information. \*  
\*  
\*\*\*\*\*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e gelatin-like protein

E1	1	GELATI/BI
E2	292	GELATIN/BI
E3	0 -->	GELATIN-LIKE PROTEIN/BI
E4	239	GELATINASE/BI
E5	3	GELATINE/BI
E6	1	GELATINI/BI
E7	3	GELATINIAUR/BI
E8	3	GELATINIAURANTI/BI
E9	3	GELATINIAURANTIA/BI
E10	1	GELATININ/BI
E11	1	GELATINOL/BI
E12	21	GELATINOSA/BI

=> e e2

E1	1	GELATAN/BI
E2	1	GELATI/BI
E3	292 -->	GELATIN/BI
E4	239	GELATINASE/BI
E5	3	GELATINE/BI
E6	1	GELATINI/BI
E7	3	GELATINIAUR/BI
E8	3	GELATINIAURANTI/BI
E9	3	GELATINIAURANTIA/BI
E10	1	GELATININ/BI
E11	1	GELATINOL/BI
E12	21	GELATINOSA/BI

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED  
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.29	1.50

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,  
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,  
CROPV, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 14:55:01 ON 07 JUN 2005

75 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view  
search error messages that display as 0\* with SET DETAIL OFF.

=> s gelatin-like protein

3	FILE BIOTECHABS
3	FILE BIOTECHDS
15 FILES SEARCHED...	
9	FILE CAPLUS
35	FILE DGENE
27 FILES SEARCHED...	
1	FILE FROSTI
2	FILE IFIPAT
48 FILES SEARCHED...	
1	FILE SCISEARCH
1	FILE TOXCENTER
7	FILE USPATFULL
68 FILES SEARCHED...	
5	FILE WPIDS
5	FILE WPINDEX

11 FILES HAVE ONE OR MORE ANSWERS, 75 FILES SEARCHED IN STNINDEX

L1 QUE GELATIN-LIKE PROTEIN

=> d rank

F1	35	DGENE
F2	9	CAPLUS
F3	7	USPATFULL
F4	5	WPIDS
F5	5	WPINDEX
F6	3	BIOTECHABS
F7	3	BIOTECHDS
F8	2	IFIPAT
F9	1	FROSTI
F10	1	SCISEARCH
F11	1	TOXCENTER

=> file f2, f3, f4, f6, f10, f11  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
3.54	5.04

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 14:58:44 ON 07 JUN 2005  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 14:58:44 ON 07 JUN 2005  
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 14:58:44 ON 07 JUN 2005  
COPYRIGHT (C) 2005 THE THOMSON CORPORATION

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'SCISEARCH' ENTERED AT 14:58:44 ON 07 JUN 2005  
Copyright (c) 2005 The Thomson Corporation

FILE 'TOXCENTER' ENTERED AT 14:58:44 ON 07 JUN 2005  
COPYRIGHT (C) 2005 ACS

=> s gelatin-like protein  
2 FILES SEARCHED...  
L2 23 GELATIN-LIKE PROTEIN

=> dup rem l2  
PROCESSING COMPLETED FOR L2  
L3 16 DUP REM L2 (7 DUPLICATES REMOVED)

=> d l3 ibib ti abs 1-16

L3 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1  
ACCESSION NUMBER: 2005:275732 CAPLUS  
DOCUMENT NUMBER: 142:322688  
TITLE: Use of recombinant **gelatin-like proteins** as blood plasma expanders and compositions suitable for plasma substitution  
INVENTOR(S): Bouwsrta, Jan Bastiaan; Toda, Yuzo  
PATENT ASSIGNEE(S): Fuji Photo Film B.V., Neth.  
SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 2005082584	A2	20050331	JP 2003-320045	20030911
PRIORITY APPLN. INFO.:			JP 2003-320045	20030911
TI	Use of recombinant <b>gelatin-like proteins</b> as blood plasma expanders and compositions suitable for plasma substitution			
AB	The invention relates to compns. containing a recombinant <b>gelatin-like protein</b> as a plasma expander, suitable for use for plasma substitution, wherein the <b>gelatin-like protein</b> can be a monomer, dimer, trimer or tetramer of a human recombinant <b>gelatin-like protein</b> having a mol. weight of 10,000-50,000 D and an isoelec. point of < 8.			

L3 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:120770 CAPLUS

DOCUMENT NUMBER: 142:204524

TITLE: Recombinant or synthetic gelatin with an increased calculated glass transition temperature as stabilizers in lyophilized pharmaceutical compositions

INVENTOR(S): Van Es, Andries Johannes Jozef; Bouwstra, Jan Bastiaan; Toda, Yuzo

PATENT ASSIGNEE(S): Fuji Photo Film B.V., Neth.

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005011740	A1	20050210	WO 2004-NL552	20040804
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: EP 2003-77451 A 20030805

TI Recombinant or synthetic gelatin with an increased calculated glass transition temperature as stabilizers in lyophilized pharmaceutical compositions

AB The invention relates to the use of **gelatin-like proteins**, or polypeptides, with an increased calculated glass transition temperature as stabilizers in lyophilized biol. or pharmaceutical comps. The recombinant or synthetic gelatin comprises at least one stretch of 10 or more consecutive repeats of Gly-Xaa-Yaa triplets and has a bimodal mol. weight distribution. The recombinant or synthetic gelatin is free from helical structure and less than 5% of the total number of amino acid residues are hydroxyproline residues.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2005:138520 USPATFULL

TITLE: Recombinant **gelatin-like**

**proteins** for use as plasma expanders

INVENTOR(S): Bouwstra, Jan Bastiaan, Bilthoven, NETHERLANDS  
Toda, Yuzo, Goirle, NETHERLANDS

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005119170	A1	20050602
APPLICATION INFO.:	US 2003-469747	A1	20020306 (10)
	WO 2002-NL147		20020306

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2003-1200837	20010306
DOCUMENT TYPE:	Utility	

FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: ANTHONY H. HANDAL, KIRKPATRICK & LOCKHART NICHOLSON  
GRAHAM LLP, 599 LEXINGTON AVENUE, 33RD FLOOR, NEW YORK,  
NY, 10022-6030, US  
NUMBER OF CLAIMS: 20  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 2 Drawing Page(s)  
LINE COUNT: 983

TI Recombinant **gelatin-like proteins** for use  
as plasma expanders  
AB The invention relates to compositions suitable for plasma substitution  
comprising as a plasma expander a recombinant **gelatin-  
like protein**. Characteristic is that the  
**gelatin-like protein** essentially is free of  
hydroxyproline. This absence of hydroxyproline prevents the composition  
from gelling and thus allows the use of high-molecular weight proteins  
in order to establish a suitable colloid osmotic pressure. Specific  
advantage of the **gelatin-like proteins** is  
that these avoid the risk of anaphylactic shock that exists in  
conjunction with the use of commercially available preparations.

L3 ANSWER 4 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2005:118258 USPATFULL

TITLE: Use of recombinant **gelatin-like  
proteins** as plasma expanders and compositions  
suitable for plasma substitution  
INVENTOR(S): Bouwstra, Jan Bastiaan, Bilthoven, NETHERLANDS  
Toda, Yuzo, Goirle, NETHERLANDS

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005101531	A1	20050512
APPLICATION INFO.:	US 2003-658989	A1	20030910 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-78745	20020911
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ANTHONY H. HANDAL, KIRKPATRICK & LOCKHART NICHOLSON GRAHAM LLP, 599 LEXINGTON AVENUE, 33RD FLOOR, NEW YORK, NY, 10022-6030, US	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	1347	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Use of recombinant **gelatin-like proteins**  
as plasma expanders and compositions suitable for plasma substitution  
AB The invention relates to compositions suitable for plasma substitution  
comprising as a plasma expander a recombinant **gelatin-  
like protein**. Characteristic is that the  
**gelatin-like protein** can be a monomer or a  
polymer like a dimer, trimer or a tetramer of a human recombinant  
**gelatin-like protein** having an isoelectric  
point of less than 8. The resulting **gelatin-like  
proteins** provide a method to control the clearance rate of a  
plasma expander by its molecular weight. Preferably the **gelatin  
-like proteins** have a low hydroxyproline content  
which prevents the composition from gelling and thus allows the use of  
high-molecular weight proteins in order to establish a suitable colloid  
osmotic pressure. An additional advantage of the **gelatin-**



like proteins is that these avoid the risk of anaphylactic shock that exists in conjunction with the use of commercially available preparations.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2  
ACCESSION NUMBER: 2004:817918 CAPLUS  
DOCUMENT NUMBER: 141:301398  
TITLE: RGD-enriched **gelatin-like proteins** with enhanced cell binding and therapeutic use  
INVENTOR(S): Bouwstra, Jan Bastiaan; Van Es, Andries Johannes Jozef; Toda, Yuzo  
PATENT ASSIGNEE(S): Fuji Photo Film B.V., Neth.  
SOURCE: PCT Int. Appl., 31 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004085473	A2	20041007	WO 2004-NL208	20040326
WO 2004085473	A3	20050421		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: EP 2003-75906 A 20030328

TI RGD-enriched **gelatin-like proteins** with enhanced cell binding and therapeutic use  
AB The invention concerns a cell support comprising an RGD-enriched gelatine that has a more even distribution of RGD sequences than occurring in a natural gelatine and with a min. level of RGD sequences. More precise the percentage of RGD sequences related to the total number of amino acids is at least 0.4 and if the RGD-enriched gelatine comprises 350 amino acids or more, each stretch of 350 amino acids contains at least one RGD motif. Preferably the RGD-enriched gelatines are prepared by recombinant technol., and have a sequence that is derived from a human gelatine or collagen amino acid sequence. The invention also relates to RGD-enriched gelatines that are used for attachment to integrins. In particular The RGD-enriched gelatines of the invention are suitable for coating a cell culture support for growing anchor dependant cell types. Further, the RGD-enriched gelatines of the invention may find use in medical applications, in particular as a coating on implant or transplant material or as a component of drug delivery systems.

L3 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3  
ACCESSION NUMBER: 2004:551003 CAPLUS  
DOCUMENT NUMBER: 141:102781  
TITLE: Coating a microcarrier bead with gelatine or gelatine-like protein for cell culture support  
INVENTOR(S): Bouwstra, Jan Bastiaan; Van Es, Andries Johannes Jozef; Toda, Yuzo

PATENT ASSIGNEE(S): Fuji Photo Film B.V., Neth.  
SOURCE: PCT Int. Appl., 19 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004056976	A2	20040708	WO 2003-NL922	20031223
WO 2004056976	A3	20041021		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,  
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,  
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,  
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: EP 2002-80539 A 20021223

TI Coating a microcarrier bead with gelatine or gelatine-like protein for cell culture support

AB The invention relates to a support for culturing cells, in particular to microcarriers coated with gelatine or gelatine-like proteins. Such microcarriers serve as support for culturing anchorage dependent cells. In particular the invention relates to a process for the preparation of a cell culture support comprising the step of coating a microcarrier bead with gelatine or gelatine-like protein, said gelatine or gelatine-like protein having a mol. weight of .apprx.40 kDa to .apprx.200 kDa. Preparation of microcarrier beads coated by human recombinant **gelatin-like protein** Hu-3 is described. Cell attachment and cell culture protocol for gelatine or gelatine-like protein coated microcarriers is provided.

L3 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4

ACCESSION NUMBER: 2004:213311 CAPLUS

DOCUMENT NUMBER: 140:259088

TITLE: Use of recombinant **gelatin-like proteins** as plasma expanders and compositions suitable for plasma substitution

INVENTOR(S): Bouwstra, Jan, Bastiaan; Toda, Yuzo

PATENT ASSIGNEE(S): Fuji Photo Film B.V., Neth.

SOURCE: Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1398324	A1	20040317	EP 2002-78745	20020911
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2005101531	A1	20050512	US 2003-658989	20030910

PRIORITY APPLN. INFO.: EP 2002-78745 A 20020911

TI Use of recombinant **gelatin-like proteins** as plasma expanders and compositions suitable for plasma substitution

AB The invention relates to compns. suitable for plasma substitution comprising as a plasma expander a recombinant **gelatin-**

like protein. Characteristic is that the gelatin-like protein can be a monomer or a polymer like a dimer, trimer or a tetramer of a human recombinant gelatin-like protein having an isoelec. point of less than 8. The resulting gelatin-like proteins provide a method to control the clearance rate of a plasma expander by its mol. weight. Preferably the gelatin-like proteins have a low hydroxyproline content which prevents the composition from gelling and thus allows the use of high-mol. weight

proteins in order to establish a suitable colloid osmotic pressure. An addnl. advantage of the gelatin-like proteins is that these avoid the risk of anaphylactic shock that exists in conjunction with the use of com. available preps.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 8 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2003:237907 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of colon cancer

INVENTOR(S): King, Gordon E., Shoreline, WA, UNITED STATES  
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES  
Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Secrist, Heather, Seattle, WA, UNITED STATES  
Jiang, Yuqiu, Kent, WA, UNITED STATES

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166064	A1	20030904
APPLICATION INFO.:	US 2002-99926	A1	20020314 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-33528, filed on 26 Dec 2001, PENDING Continuation-in-part of Ser. No. US 2001-920300, filed on 31 Jul 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-302051P	20010629 (60)
	US 2001-279763P	20010328 (60)
	US 2000-223283P	20000803 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	8531	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of colon cancer  
AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2003:106233 USPATFULL  
 TITLE: Compositions and methods for the therapy and diagnosis of pancreatic cancer  
 INVENTOR(S): Benson, Darin R., Seattle, WA, UNITED STATES  
 Kalos, Michael D., Seattle, WA, UNITED STATES  
 Lodes, Michael J., Seattle, WA, UNITED STATES  
 Persing, David H., Redmond, WA, UNITED STATES  
 Hepler, William T., Seattle, WA, UNITED STATES  
 Jiang, Yuqiu, Kent, WA, UNITED STATES  
 PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003073144	A1	20030417
APPLICATION INFO.:	US 2002-60036	A1	20020130 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-333626P	20011127 (60)
	US 2001-305484P	20010712 (60)
	US 2001-265305P	20010130 (60)
	US 2001-267568P	20010209 (60)
	US 2001-313999P	20010820 (60)
	US 2001-291631P	20010516 (60)
	US 2001-287112P	20010428 (60)
	US 2001-278651P	20010321 (60)
	US 2001-265682P	20010131 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092  
 NUMBER OF CLAIMS: 17  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 14253

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of pancreatic cancer  
 AB Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2003:92716 USPATFULL  
 TITLE: Recombinant gelatins in vaccines  
 INVENTOR(S): Chang, Robert C., Burlingame, CA, UNITED STATES  
 Kivirikko, Kari I., Oulu, FINLAND  
 Neff, Thomas B., Atherton, CA, UNITED STATES  
 Olsen, David R., Menlo Park, CA, UNITED STATES  
 Polarek, James W., Sausalito, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003064074	A1	20030403
APPLICATION INFO.:	US 2002-232175	A1	20020830 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-710249, filed on 10		

Nov 2000, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-204437P	20000515 (60)
	US 1999-165114P	19991112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Intellectual Property Department, FibroGen, Inc., 225 Gateway Blvd., South San Francisco, CA, 94080	
NUMBER OF CLAIMS:	52	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Page(s)	
LINE COUNT:	4386	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
TI	Recombinant gelatins in vaccines	
AB	The present invention relates to vaccines comprising recombinant gelatin, to methods of producing and using such vaccines, and to vaccination kits.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5

ACCESSION NUMBER: 2002:693122 CAPLUS

DOCUMENT NUMBER: 137:237689

TITLE: Recombinant **gelatin-like proteins** for use as plasma expanders

INVENTOR(S): Bouwstra, Jan Bastiaan; Toda, Yuzo

PATENT ASSIGNEE(S): Fuji Photo Film B.V., Neth.

SOURCE: Eur. Pat. Appl., 14 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1238675	A1	20020911	EP 2001-200837	20010306
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2002070000	A1	20020912	WO 2002-NL147	20020306
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1368056	A1	20031210	EP 2002-702968	20020306
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004524322	T2	20040812	JP 2002-569172	20020306
US 2005119170	A1	20050602	US 2003-469747	20020306
PRIORITY APPLN. INFO.:				
				A 20010306
				W 20020306

TI Recombinant **gelatin-like proteins** for use as plasma expanders

AB The invention relates to compns. suitable for plasma substitution comprising as a plasma expander a recombinant **gelatin-**

like protein. Characteristic is that the gelatin-like protein essentially is free of hydroxyproline. This absence of hydroxyproline prevents the composition from gelling and thus allows the use of high-mol. weight proteins in order to establish a suitable colloid osmotic pressure. Specific advantage of the gelatin-like proteins is that these avoid the risk of anaphylactic shock that exists in conjunction with the use of com. available preps.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 12 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2002:272801 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of colon cancer

INVENTOR(S): Stolk, John A., Bothell, WA, UNITED STATES

Xu, Jiangchun, Bellevue, WA, UNITED STATES

Chenault, Ruth A., Seattle, WA, UNITED STATES

Meagher, Madeleine Joy, Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002150922	A1	20021017
APPLICATION INFO.:	US 2001-998598	A1	20011116 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-304037P	20010710 (60)
	US 2001-279670P	20010328 (60)
	US 2001-267011P	20010206 (60)
	US 2000-252222P	20001120 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092

NUMBER OF CLAIMS: 17

EXEMPLARY CLAIM: 1

LINE COUNT: 9233

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of colon cancer

AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 16 USPATFULL on STN

ACCESSION NUMBER: 2002:242791 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of colon cancer

INVENTOR(S): King, Gordon E., Shoreline, WA, UNITED STATES

Meagher, Madeleine Joy, Seattle, WA, UNITED STATES

Xu, Jiangchun, Bellevue, WA, UNITED STATES

Secrist, Heather, Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002131971	A1	20020919
APPLICATION INFO.:	US 2001-33528	A1	20011226 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-920300, filed on 31 Jul 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-302051P	20010629 (60)
	US 2001-279763P	20010328 (60)
	US 2000-223283P	20000803 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	8083	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of colon cancer  
 AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 6  
 ACCESSION NUMBER: 2000:441507 CAPLUS  
 DOCUMENT NUMBER: 133:81505  
 TITLE: Silver halide photographic emulsion containing recombinant **gelatin-like protein**  
 INVENTOR(S): De Wolf, Anton; Werten, Marc Willem Theodoor; Wisselink, Hendrik Wouter; Jansen-Van Den Bosch, Tanja Jacoba; Toda, Yuzo; Van Heerde, Georg Valentino; Bouwstra, Jan Bastiaan  
 PATENT ASSIGNEE(S): Fuji Photo Film B.V., Neth.  
 SOURCE: Eur. Pat. Appl., 12 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1014176	A2	20000628	EP 1999-204382	19991217
EP 1014176	A3	20000802		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 6150081	A	20001121	US 1998-219849	19981223
US 2003229205	A1	20031211	US 2003-342331	20030115
PRIORITY APPLN. INFO.:			US 1998-219849	A 19981223
			NL 1997-1007908	A 19971224
			US 2000-617842	B1 20000717
TI	Silver halide photographic emulsion containing recombinant <b>gelatin</b>			

**-like protein**

AB The invention provides a nonnatural **gelatin-like protein** prepared by genetic engineering and having a mol. weight of from about 2500 to about 100,000 and an amino acid sequence comprising more than 4 different amino acids. The invention also provides a tabular silver halide photog. emulsion containing the **gelatin-like protein** as a peptizer. Tabular grains account for more than 75% of the total grain-projected area of the photog. emulsion, and the silver halide grains are nucleated in the presence of a nucleation peptizer and thereafter grown in the presence of a growth peptizer, wherein either the nucleation peptizer or the growth peptizer can be the recombinant **gelatin-like protein**.

L3 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 7

ACCESSION NUMBER: 1998:291439 CAPLUS  
DOCUMENT NUMBER: 129:29328  
TITLE: Functional properties of hydrolysis products from collagen  
AUTHOR(S): Taylor, Maryann M.; Cabeza, Luisa F.; Marmer, William N.; Brown, Eleanor M.; Kolomaznik, Karel  
CORPORATE SOURCE: Agricultural Research Service, Eastern Regional Research Center, U. S. Department of Agriculture, Wyndmoor, PA, 19038, USA  
SOURCE: Journal of the American Leather Chemists Association (1998), 93(2), 40-50  
CODEN: JALCAQ; ISSN: 0002-9726  
PUBLISHER: American Leather Chemists Association  
DOCUMENT TYPE: Journal  
LANGUAGE: English

TI Functional properties of hydrolysis products from collagen

AB A gelable protein is isolated during the aqueous magnesium oxide treatment of chromium-containing solid leather waste. For this process to be cost effective, markets have to be identified for these **gelatin-like protein** products. Tech. grade gelatins have many uses, such as in the preparation of adhesives, cosmetics, paints, encapsulating agents, flocculating agents and fireproofing agents. In order to demonstrate that our products compare to tech. grade gelatins, the functional properties of the gelable protein were examined; a com. gelatin product was used as a reference. In a previous study we demonstrated that the gelable protein products isolated from the alkali treatment of chrome shavings had adhesive properties comparable to com. products. In this present study, ability to form a gel, foamability, capacity to form emulsions, and oil and water absorption properties are examined. A description of methodol. to evaluate the properties is reported. The data show that the functional properties of the magnesium oxide extracted gels are comparable to, and sometimes superior to, tech. grade gelatins.

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1995:298118 CAPLUS  
DOCUMENT NUMBER: 122:50721  
TITLE: Biosensor for wetness determination  
INVENTOR(S): Shibakawa, Takahiro; Tsuji, Hidehiko; Takagi, Tomoki; Takeuchi, Yukihiro  
PATENT ASSIGNEE(S): Nippon Denso Co, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06300724	A2	19941028	JP 1993-88785	19930415
PRIORITY APPLN. INFO.:			JP 1993-88785	19930415
TI Biosensor for wetness determination				
AB The biosensor comprises a pair of electrode and a detection area containing <b>gelatin-like protein</b> and starch-like carbohydrates and copolymer containing $\geq 1$ selected from polyacrylic acid salt, poly(vinyl alc.), polyacrylamide, or polyoxyethylene. The biosensor is used in diaper for determination of wetness or urine amount				
Diagrams of the biosensor and biosensor in diaper are presented.				

=> s bouwstra,j?/au  
L4 478 BOUWSTRA,J?/AU

=> s toda,y?/au  
L5 1593 TODA,Y?/AU

=> s (L4 OR L5) AND (plasma substitute)  
L6 2 (L4 OR L5) AND (PLASMA SUBSTITUTE)

=> dup rem l6  
PROCESSING COMPLETED FOR L6  
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)

=> d l7 ibib ti abs 1-2

L7 ANSWER 1 OF 2 USPATFULL on STN  
ACCESSION NUMBER: 2005:138520 USPATFULL  
TITLE: Recombinant gelatin-like proteins for use as plasma expanders  
INVENTOR(S): **Bouwstra, Jan Bastiaan**, Bilthoven, NETHERLANDS  
**Toda, Yuzo**, Goirle, NETHERLANDS

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2005119170	A1	20050602	
APPLICATION INFO.:	US 2003-469747	A1	20020306	(10)
	WO 2002-NL147		20020306	

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2003-1200837	20010306
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ANTHONY H. HANDAL, KIRKPATRICK & LOCKHART NICHOLSON GRAHAM LLP, 599 LEXINGTON AVENUE, 33RD FLOOR, NEW YORK, NY, 10022-6030, US	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	983	

TI Recombinant gelatin-like proteins for use as plasma expanders  
AB The invention relates to compositions suitable for plasma substitution comprising as a plasma expander a recombinant gelatin-like protein. Characteristic is that the gelatin-like protein essentially is free of hydroxyproline. This absence of hydroxyproline prevents the composition from gelling and thus allows the use of high-molecular weight proteins in order to establish a suitable colloid osmotic pressure. Specific advantage of the gelatin-like proteins is that these avoid the risk of

anaphylactic shock that exists in conjunction with the use of commercially available preparations.

L7 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2005:118258 USPATFULL

TITLE: Use of recombinant gelatin-like proteins as plasma expanders and compositions suitable for plasma substitution

INVENTOR(S): **Bouwstra, Jan Bastiaan**, Bilthoven, NETHERLANDS  
**Toda, Yuzo**, Goirle, NETHERLANDS

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005101531	A1	20050512
APPLICATION INFO.:	US 2003-658989	A1	20030910 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2002-78745	20020911
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ANTHONY H. HANDAL, KIRKPATRICK & LOCKHART NICHOLSON GRAHAM LLP, 599 LEXINGTON AVENUE, 33RD FLOOR, NEW YORK, NY, 10022-6030, US	
NUMBER OF CLAIMS:	30	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	1347	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Use of recombinant gelatin-like proteins as plasma expanders and compositions suitable for plasma substitution

AB The invention relates to compositions suitable for plasma substitution comprising as a plasma expander a recombinant gelatin-like protein. Characteristic is that the gelatin-like protein can be a monomer or a polymer like a dimer, trimer or a tetramer of a human recombinant gelatin-like protein having an isoelectric point of less than 8. The resulting gelatin-like proteins provide a method to control the clearance rate of a plasma expander by its molecular weight. Preferably the gelatin-like proteins have a low hydroxyproline content which prevents the composition from gelling and thus allows the use of high-molecular weight proteins in order to establish a suitable colloid osmotic pressure. An additional advantage of the gelatin-like proteins is that these avoid the risk of anaphylactic shock that exists in conjunction with the use of commercially available preparations.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 14:53:06 ON 07 JUN 2005)

FILE 'REGISTRY' ENTERED AT 14:53:12 ON 07 JUN 2005

E GELATIN-LIKE PROTEIN  
E E2

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 14:55:01 ON 07 JUN 2005  
SEA GELATIN-LIKE PROTEIN

```

-----
3   FILE BIOTECHABS
3   FILE BIOTECHDS
9   FILE CAPLUS
35  FILE DGENE
1   FILE FROSTI
2   FILE IFIPAT
1   FILE SCISEARCH
1   FILE TOXCENTER
7   FILE USPATFULL
5   FILE WPIDS
5   FILE WPINDEX
L1  QUE GELATIN-LIKE PROTEIN
-----

```

FILE 'CAPLUS, USPATFULL, WPIDS, SCISEARCH, TOXCENTER' ENTERED AT 14:58:44  
ON 07 JUN 2005

```

L2      23 S GELATIN-LIKE PROTEIN
L3      16 DUP REM L2 (7 DUPLICATES REMOVED)
L4      478 S BOUWSTRA,J?/AU
L5      1593 S TODA,Y?/AU
L6      2 S (L4 OR L5) AND (PLASMA SUBSTITUTE)
L7      2 DUP REM L6 (0 DUPLICATES REMOVED)

```

```

=> s saline AND L2
L8      11 SALINE AND L2

```

```

=> dup rem l8
PROCESSING COMPLETED FOR L8
L9      9 DUP REM L8 (2 DUPLICATES REMOVED)

```

```

=> s L9 NOT L7
L10     7 L9 NOT L7

```

=> d l10 ibib ti abs 1-7

```

L10 ANSWER 1 OF 7  CAPLUS  COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER:      2004:213311  CAPLUS
DOCUMENT NUMBER:       140:259088
TITLE:                  Use of recombinant gelatin-like
                        proteins as plasma expanders and compositions
                        suitable for plasma substitution
INVENTOR(S):           Bouwstra, Jan Bastiaan; Toda, Yuzo
PATENT ASSIGNEE(S):    Fuji Photo Film B.V., Neth.
SOURCE:                 Eur. Pat. Appl., 31 pp.
                        CODEN: EPXXDW
DOCUMENT TYPE:          Patent
LANGUAGE:               English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1398324	A1	20040317	EP 2002-78745	20020911
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
US 2005101531	A1	20050512	US 2003-658989	20030910
PRIORITY APPLN. INFO.:			EP 2002-78745	A 20020911
TI Use of recombinant <b>gelatin-like proteins</b> as plasma expanders and compositions suitable for plasma substitution				
AB The invention relates to compns. suitable for plasma substitution comprising as a plasma expander a recombinant <b>gelatin-like protein</b> . Characteristic is that the				

**gelatin-like protein** can be a monomer or a polymer like a dimer, trimer or a tetramer of a human recombinant **gelatin-like protein** having an isoelec. point of less than 8. The resulting **gelatin-like proteins** provide a method to control the clearance rate of a plasma expander by its mol. weight. Preferably the **gelatin-like proteins** have a low hydroxyproline content which prevents the composition from gelling and thus allows the use of high-mol. weight

proteins in order to establish a suitable colloid osmotic pressure. An addnl. advantage of the **gelatin-like proteins** is that these avoid the risk of anaphylactic shock that exists in conjunction with the use of com. available preps.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2002:693122 CAPLUS

DOCUMENT NUMBER: 137:237689

TITLE: Recombinant **gelatin-like proteins** for use as plasma expanders

INVENTOR(S): Bouwstra, Jan Bastiaan; Toda, Yuzo

PATENT ASSIGNEE(S): Fuji Photo Film B.V., Neth.

SOURCE: Eur. Pat. Appl., 14 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1238675	A1	20020911	EP 2001-200837	20010306
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2002070000	A1	20020912	WO 2002-NL147	20020306
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1368056	A1	20031210	EP 2002-702968	20020306
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004524322	T2	20040812	JP 2002-569172	20020306
US 2005119170	A1	20050602	US 2003-469747	20020306
PRIORITY APPLN. INFO.:			EP 2001-200837	A 20010306
			WO 2002-NL147	W 20020306

TI Recombinant **gelatin-like proteins** for use as plasma expanders

AB The invention relates to compns. suitable for plasma substitution comprising as a plasma expander a recombinant **gelatin-like protein**. Characteristic is that the **gelatin-like protein** essentially is free of hydroxyproline. This absence of hydroxyproline prevents the composition from gelling and thus allows the use of high-mol. weight proteins in order to establish a suitable colloid osmotic pressure. Specific advantage of the **gelatin-like proteins** is that these avoid the

risk of anaphylactic shock that exists in conjunction with the use of com.  
available preps.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:237907 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis  
of colon cancer  
INVENTOR(S): King, Gordon E., Shoreline, WA, UNITED STATES  
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES  
Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Secrist, Heather, Seattle, WA, UNITED STATES  
Jiang, Yuqiu, Kent, WA, UNITED STATES  
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166064	A1	20030904
APPLICATION INFO.:	US 2002-99926	A1	20020314 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-33528, filed on 26 Dec 2001, PENDING Continuation-in-part of Ser. No. US 2001-920300, filed on 31 Jul 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-302051P	20010629 (60)
	US 2001-279763P	20010328 (60)
	US 2000-223283P	20000803 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	8531	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of colon cancer  
AB Compositions and methods for the therapy and diagnosis of cancer,  
particularly colon cancer, are disclosed. Illustrative compositions  
comprise one or more colon tumor polypeptides, immunogenic portions  
thereof, polynucleotides that encode such polypeptides, antigen  
presenting cell that expresses such polypeptides, and T cells that are  
specific for cells expressing such polypeptides. The disclosed  
compositions are useful, for example, in the diagnosis, prevention  
and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:106233 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis  
of pancreatic cancer  
INVENTOR(S): Benson, Darin R., Seattle, WA, UNITED STATES  
Kalos, Michael D., Seattle, WA, UNITED STATES  
Lodes, Michael J., Seattle, WA, UNITED STATES  
Persing, David H., Redmond, WA, UNITED STATES  
Hepler, William T., Seattle, WA, UNITED STATES  
Jiang, Yuqiu, Kent, WA, UNITED STATES  
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003073144	A1	20030417
APPLICATION INFO.:	US 2002-60036	A1	20020130 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-333626P	20011127 (60)
	US 2001-305484P	20010712 (60)
	US 2001-265305P	20010130 (60)
	US 2001-267568P	20010209 (60)
	US 2001-313999P	20010820 (60)
	US 2001-291631P	20010516 (60)
	US 2001-287112P	20010428 (60)
	US 2001-278651P	20010321 (60)
	US 2001-265682P	20010131 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	14253	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of pancreatic cancer

AB Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 5 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2002:272801 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis of colon cancer

INVENTOR(S): Stolk, John A., Bothell, WA, UNITED STATES  
 Xu, Jiangchun, Bellevue, WA, UNITED STATES  
 Chenault, Ruth A., Seattle, WA, UNITED STATES  
 Meagher, Madeleine Joy, Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002150922	A1	20021017
APPLICATION INFO.:	US 2001-998598	A1	20011116 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-304037P	20010710 (60)
	US 2001-279670P	20010328 (60)
	US 2001-267011P	20010206 (60)
	US 2000-252222P	20001120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	

NUMBER OF CLAIMS: 17  
EXEMPLARY CLAIM: 1  
LINE COUNT: 9233

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of colon cancer  
AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2002:242791 USPATFULL  
TITLE: Compositions and methods for the therapy and diagnosis of colon cancer  
INVENTOR(S): King, Gordon E., Shoreline, WA, UNITED STATES  
Meagher, Madeleine Joy, Seattle, WA, UNITED STATES  
Xu, Jiangchun, Bellevue, WA, UNITED STATES  
Secrist, Heather, Seattle, WA, UNITED STATES  
PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002131971	A1	20020919
APPLICATION INFO.:	US 2001-33528	A1	20011226 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-920300, filed on 31 Jul 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-302051P	20010629 (60)
	US 2001-279763P	20010328 (60)
	US 2000-223283P	20000803 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	17	
EXEMPLARY CLAIM:	1	
LINE COUNT:	8083	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of colon cancer  
AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 7 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN

ACCESSION NUMBER: 2005-257398 [27] WPIDS  
DOC. NO. CPI: C2005-081907  
TITLE: Composition suitable as plasma substitute, comprises

physiological **saline** solution containing  
recombinant **gelatin-like**  
**protein** having colloidal osmosis effect, specific  
molecular weight and isoelectric point.

DERWENT CLASS: B04  
PATENT ASSIGNEE(S): (FUJF) FUJI PHOTO FILM BV  
COUNTRY COUNT: 1  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 2005082584	A	20050331	(200527)*		23

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 2005082584	A	JP 2003-320045	20030911

PRIORITY APPLN. INFO: JP 2003-320045 20030911

TI Composition suitable as plasma substitute, comprises physiological  
**saline** solution containing recombinant **gelatin-**  
**like protein** having colloidal osmosis effect, specific  
molecular weight and isoelectric point.

AN 2005-257398 [27] WPIDS

AB JP2005082584 A UPAB: 20050427

NOVELTY - Composition (I) suitable as plasma substitute, comprises  
physiological **saline** solution containing a recombinant  
**gelatin-like protein** having colloidal osmosis  
effect, molecular weight of 10000-50000 Dalton and isoelectric point of  
less than 8, where the protein is a dimer, trimer or tetramer.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for utilizing  
recombinant **gelatin-like protein** (II) having  
molecular weight of 10000-50000 Dalton and isoelectric point of less than  
8, as a plasma expander.

ACTIVITY - Antiallergic; Immunosuppressive.

MECHANISM OF ACTION - Plasma substitute; Plasma expander. No  
supporting data is given.

USE - (I) is useful for plasma substitute. (II) is useful as plasma  
expander (claimed). (I) suppresses the generation of anaphylactic shock.

ADVANTAGE - (I) is retained in the circulation for longer hours. (I)  
effectively suppresses anaphylactic shock (hypersensitivity).

Dwg.0/4

=> d his

(FILE 'HOME' ENTERED AT 14:53:06 ON 07 JUN 2005)

FILE 'REGISTRY' ENTERED AT 14:53:12 ON 07 JUN 2005

E GELATIN-LIKE PROTEIN

E E2

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,  
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,  
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,  
CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 14:55:01 ON 07 JUN 2005

SEA GELATIN-LIKE PROTEIN

-----  
3 FILE BIOTECHABS  
3 FILE BIOTECHDS  
9 FILE CAPLUS



```

35  FILE DGENE
1   FILE FROSTI
2   FILE IFIPAT
1   FILE SCISEARCH
1   FILE TOXCENTER
7   FILE USPATFULL
5   FILE WPIDS
5   FILE WPINDEX
L1  QUE GELATIN-LIKE PROTEIN
-----

```

FILE 'CAPLUS, USPATFULL, WPIDS, SCISEARCH, TOXCENTER' ENTERED AT 14:58:44  
ON 07 JUN 2005

```

L2      23 S GELATIN-LIKE PROTEIN
L3      16 DUP REM L2 (7 DUPLICATES REMOVED)
L4      478 S BOUWSTRA,J?/AU
L5      1593 S TODA,Y?/AU
L6       2 S (L4 OR L5) AND (PLASMA SUBSTITUTE)
L7       2 DUP REM L6 (0 DUPLICATES REMOVED)
L8      11 S SALINE AND L2
L9       9 DUP REM L8 (2 DUPLICATES REMOVED)
L10     7 S L9 NOT L7

```

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	103.14	108.18
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-8.03	-8.03

STN INTERNATIONAL LOGOFF AT 15:09:38 ON 07 JUN 2005